

Having thus described the invention, we hereby claim:

1. An informational system for a graphical user interface comprising:
a plurality of video objects, wherein each video object corresponds to a,
5 and wherein each video object comprises a plurality of video segments;
a plurality of text objects, wherein each text object corresponds to a, and
wherein each text object comprises a plurality of text steps;
a bi-directional linkage system wherein each of said video segments is
linked to one of said text steps and each of said text steps is linked to one of said
10 video segments;

a video window for displaying said video segments of a selected video
object; and

a text window for displaying one or more of said text steps of a selected
text object wherein said video window displays a video segment linked to a
15 highlighted text step in said text window and the highlighted text step in said text
window is linked to said displayed video segment in said video window.

2. The system according to claim 1 further including a text number
icon, wherein said icon is displayed in said video window and corresponds to said
highlighted text step in said text window.

3. The system according to claim 1 further including a video control
bar, wherein an operator may reposition said selected video object to a desired
video frame of a desired video segment, displayed in said video window, and
wherein said text window automatically displays a highlighted text step linked to
5 said desired video segment.

4. The system according to claim 1 further including a text selection
means, wherein an operator may select a desired text step in said text window and
wherein said desired text step becomes said highlighted text step, and wherein
said video window automatically displays a video segment linked to said desired
5 text step.

5. The system according to claim 1 wherein said bi-directional linkage system comprises video time objects, each time object including a table of video times for each of said video segments.

6. The system according to claim 1 wherein said bi-directional linkage system comprises tags interspersed within said video objects.

7. A software program for a fault clearance system having a graphical user interface comprising:

a video program to select a video object from a plurality of video objects, wherein said selected video object corresponds to a respective fault of a system, and wherein said selected video object comprises a plurality of video segments;

a text program to select a text object from a plurality of text objects, wherein said selected text object corresponds to a respective fault of said system, and wherein each object comprises a plurality of text steps;

a bi-directional linkage program which links each of said video segments to one of said text steps and links each of said text steps to one of said video segments;

a video display program for displaying said video segments in a video window; and

a text display program for displaying one or more of said text steps in a text window wherein said video window displays a video segment linked to a highlighted text step in said text window and the highlighted text step in said text window is linked to said displayed video segment in said video window.

8. The software program according to claim 7 further including a text number icon display program, wherein said icon is displayed in said video window and corresponds to said highlighted text step in said text window.

9. The software program according to claim 7 further including a video control bar program, wherein an operator may reposition said selected video object to a desired video frame of a desired video segment, displayed in said video window, and wherein said text window automatically displays a highlighted text step linked to said desired video segment.

10. The software program according to claim 7 further including a text selection program, wherein an operator may select a desired text step in said text window and wherein said desired text step becomes said highlighted text step, and wherein said video window automatically displays a video segment linked to said
5 desired text step.

11. The fault clearance system according to claim 7 wherein said bi-directional linkage program is configured to utilize video time objects, each time object including a table of video times for each of said video segments.

12. The fault clearance system according to claim 7 wherein said bi-directional linkage program is configured to utilize tags interspersed within said video objects.

13. A fault clearance method for a system having a graphical user interface comprising:

selecting a video object from a plurality of video objects, wherein said selected video object corresponds to a respective fault of a system, and wherein
5 said selected video object comprises a plurality of video segments;

selecting a text object from a plurality of text objects, wherein said selected text object corresponds to a respective fault of said system, and wherein each object comprises a plurality of text steps;

10 bi-directionally linking each of said video segments to one of said text steps;

displaying said video segments in a video window; and

displaying one or more of said text steps in a text window wherein said video window displays a video segment linked to a highlighted text step in said text window and the highlighted text step in said text window is linked to said
15 displayed video segment in said video window.

14. The fault clearance method according to claim 13 further including displaying a text number icon in said video window wherein said icon corresponds to said highlighted text step in said text window.

15. The fault clearance method according to claim 13 further including repositioning said selected video object to a desired video frame of a desired video segment in said video window, and wherein said text window automatically displays a highlighted text step linked to said desired video segment.

5

16. The fault clearance method according to claim 13 further including selecting a desired text step in said text window and wherein said desired text step becomes said highlighted text step, and wherein said video window automatically displays a video segment linked to said desired text step.

5

17. The fault clearance system according to claim 13 wherein said bi-directional linking utilizes video time objects, each time object including a table of video times for each of said video segments.

18. The fault clearance system according to claim 13 wherein said bi-directional linking utilizes tags interspersed within said video objects.